

**TO: ALL ARCHITECTS/ENGINEERS OF RECORD**

**FROM:** Thomas B. O'Connell, Administrator  
Architecture & Engineering Division  
1520 East Sixth Avenue  
PO Box 200103  
Helena MT 59620-0103

**DATE:** July 2, 2007

**SUBJECT:** Selection of Architects/Engineers

Firms interested in being considered for interviews on the projects listed below must submit **two (2) copies per project** of Form 115 to the A&E Division by close of business (5:00 p.m.) on **Friday, July 27, 2007**. Qualifications received after the closing time will not be considered. Facsimiles of qualifications will not be accepted.

Firms chosen for interviews will be given a preliminary project program and be asked to present their credentials before selection committees, whereupon a list of three (3) qualified firms per project shall be presented to the Director, Department of Administration, for an appointment in accordance with 18-2-112 MCA.

**Form 115 is available on the A&E Division web site:  
<http://architecture.mt.gov/default.asp>**

If there are any questions regarding the selection process, please contact Contract Officer Russ Katherman at (406) 444-3332 or [rkatherman@mt.gov](mailto:rkatherman@mt.gov).

*The State of Montana makes reasonable accommodations for any known disability that may interfere with an applicant's ability to compete in the application and selection process or that may interfere with an applicant's ability to perform the essential duties of the job. In order for the state to make such accommodations, applicants must make known any needed accommodation to the individual project managers or agency contacts listed. Persons using TDD may call the Montana Relay Service at 1-800-253-4091.*

# ARCHITECTURAL PROJECTS

## **ALUMNI/FOUNDATION BUILDING – PLANNING UNIVERSITY OF MONTANA A/E #27-01-05 (delegated) Project Budget: \$75,000**

Currently housed in Brantly Hall, the Alumni Association does not have a home befitting the pride our alumni feel for this University. The architect selected for this project will develop a schematic design, cost estimates and promotional materials consistent with the following critical functions:

- Provide a new campus gateway and welcoming home-base for alumni and other campus visitors;
- Strengthens UM connections with alumni and prospective donors;
- Enables the UMAA to create and expand programs and activities that reach a broader alumni audience;
- Creates meeting and event space for alumni, students, faculty, and the public that is full of the rich heritage of the University and displays our greatest treasures;
- Is a place to celebrate the values, traditions, and history of the University;
- Showcases alumni accomplishments, and recognizes and honors distinguished alumni and donors;
- Encourages lifelong relationships between alumni and the university by boosting visibility of the UM Alumni Association among the current students;
- Maximizes the effectiveness of the Alumni Association and the UM Foundation by providing a better public image, easier access for visitors and a functional working environment for their staffs;
- Provides a venue for alumni attending pre and post parties in conjunction with athletic, cultural and academic events; and,
- Brings The University of Montana up to par with other west coast universities, most of which have beautiful alumni centers.

The schedule for development of the programming and design ideas is extremely tight as concepts and presentation materials are needed by the end of September 2007. Applying firms will be short-listed the week of July 30<sup>th</sup> with interviews currently scheduled for Wednesday, August 15<sup>th</sup>. Appointment of a design firm is anticipated prior to September 1<sup>st</sup>. It is requested that firms applying for this project provide some explanation regarding their ability to meet the end-of-September milestone.

Should full funding be raised, the same design firm selected for this planning process may continue with the remainder of the project. However, the University may choose at its discretion to perform another selection process for the full design and construction of the project should funding be obtained.

*"delegated" designation indicates that all contracting and project management functions will be transferred from the A&E Division to the Agency indicated upon selection of the A/E firm.*

For more information contact Kevin Krebsbach, Associate Director for Planning & Construction, at (406) 243-6061.

**OFFICE/LAB CLASSROOM BUILDING  
EASTERN AGRICULTURAL EXPERIMENT STATION – SIDNEY  
MONTANA STATE UNIVERSITY  
A/E #27-02-06  
Project Budget: \$2,000,000**

EARC's mission established in 1893 by state statute is "to conduct and promote studies, scientific investigations and experiments relating to agriculture, natural resources and rural life, and to diffuse information thereby acquired among the people of Montana." As one of the research centers, EARC helps fulfill the agricultural research component of Montana State University's federal Land Grant University mission of teaching, research and extension. The Sidney site currently includes approximately ten structures that include: Quonset seed house, office/laboratory building, greenhouse, lambing shed, machinery shed, metal grain storage building, foreman's residence, foundation seed storage, and sample processing/machine storage building. This project will involve the design and construction for replacing the prefabricated greenhouses with a single constructed unit designed similar to commercial use; three (3) functional and adequately equipped lab spaces for separation and isolation of research activities; and, upgraded office area. Preliminary area requirements are: 2,700 sqft of greenhouse; 7,000 sqft of offices/meeting room; and, 1,300 sqft of lab space.

For more information contact A&E Division Project Manager Russ Katherman at (406) 444-3332 or [rkatherman@mt.gov](mailto:rkatherman@mt.gov).

**MAJOR MAINTENANCE PROJECTS  
MONTANA STATE UNIVERSITY  
A/E #27-02-08 (delegated)  
Project Budget: \$1,500,000**

This project is to provide professional design services for various campus maintenance, renovation, improvement, and/or new construction projects undertaken by the University under its Major Maintenance Program Authority. Various projects will be selected and performed on a project by project basis with an aggregate value not to exceed \$1,500,000 in total project costs.

Project scopes of work may consist of major maintenance, repair, replacement, construction, survey and program development, and/or other design related issues associated with the campus' Major Maintenance program. The Owner-Consultant contracts will be negotiated and issued on a project by project basis. Sub-consultant contracts will be determined based on the scope of the work for the individual project. Individual project costs will include all associated project costs including but not limited to construction costs, design fees, bidding, and owner's expenses. The term of the consultant appointment is expected to continue through September, 2009 or upon expenditure of the \$1,500,000 authority, which ever comes first.

*"delegated" designation indicates that all contracting and project management functions will be*

*transferred from the A/E Division to the Agency indicated upon selection of the A/E firm.*

For more information contact Walt Banziger, Director of Facilities for Planning, Design & Construction, at (406) 994-2001.

**RENOVATE MCMULLEN HALL  
MONTANA STATE UNIVERSITY - BILLINGS  
A/E #27-03-01  
Project Budget: \$1,924,500**

McMullen Hall was built in 1935 and the last major remodel was done in 1973 for ADA elevator and stair access revisions. The Administration building is in urgent need of updating to meet the needs and demands of student services as outlined in the current Montana State University—Billings' Summary of Goals and Strategies. The renovation would take into consideration all floors in the existing facility to develop a one-stop student service center within this structurally sound building. These renovations will help create a "welcoming and customer friendly" administration building for both students and visitors.

The interior renovation work will specifically address the relocation of some administrative departments to allow all four of the student business components to be located on the main floor around the existing center core. The renovation of the hallways and center core on the first, second and third floors, and relocating the information department will centralize services around the third floor center core which will meet the goal of a central information point for visitors and students. Renovation of the restrooms to comply with ADA requirements and accommodate child changing areas is essential.

Completion of the exterior maintenance items will refresh the appearance of McMullen Hall and establish it as the 'heart' of campus. The exterior work will address the water penetration issues, replacement of some windows, and replacing the existing stairs and landings on three sides of the building.

The HVAC work provided in this project will complete the replacement of all the dated mechanical equipment in the building bringing the entire system into compliance with current codes and installing fire sprinkler/alarm systems. Modernize the 35 year old elevator and address any other deferred maintenance issues such as servicing the 40 some odd steam traps throughout the building.

For more information contact A/E Division Project Manager Russ Katherman at (406) 444-3332 or [rkatherman@mt.gov](mailto:rkatherman@mt.gov).

**MAIN HALL IMPROVEMENTS**  
**UNIVERSITY OF MONTANA - WESTERN**  
**A/E #27-04-01**  
**Project Budget: \$4,500,000**

The work of this project will address a variety of problems within the Main Hall Building on the campus of The University of Montana – Western at Dillon Montana. The original building, constructed in 1896 and which is the premier building on campus, has had a series of additions throughout the ensuing years and now encompasses approximately 84,700 gsf. It is listed on the National Historic Register. Originally, it housed classrooms, laboratory spaces, administration offices, a library and an assembly hall.

This project is viewed as the first step in a phased project and should consider impacts on later restoration efforts. The primary goals of the project are to correct any life safety issues ranging from structural concerns to exiting requirements, and to evaluate and upgrade current mechanical HVAC systems, electrical distribution and lighting systems, plumbing, and fire alarm systems. Replacement of doors and windows, in order to improve the building envelope for the efficiency of new mechanical systems, is also a major goal as is addressing other current deferred maintenance items.

For more information contact A&E Division Project Manager Rick Hilmes at (406) 431-8447 or [rhilmes@onewest.net](mailto:rhilmes@onewest.net) or [rhilmes@mt.gov](mailto:rhilmes@mt.gov).

**RENOVATE RECEIVING HOSPITAL AND**  
**XANTHOPOLOUS BUILDING**  
**DEPARTMENT OF HEALTH & HUMAN SERVICES**  
**A/E #27-11-03**  
**Project Budget: \$5,800,000**

This project will upgrade the 61,752 GSF Receiving Hospital at Montana State Hospital for inpatient alcohol and chemical dependency treatment programs. It will also improve security and complete incidental improvements at the Xanthopoulos Building, Department of Corrections inmates with mental illnesses. The first priority and bulk of the work will address deferred maintenance issues and improvements needed at the Receiving Hospital.

The general scope of work will entail the following for the Receiving Hospital: new roof; new windows; repair of deteriorated masonry; foundation repairs and insulation; fencing; remove and replace existing corridor ceilings and walls; new interior finishes; upgrades to the kitchen for cook-chill application; remodel four control stations; fire sprinkler system; refurbish two mechanical rooms including replacing domestic water heaters; replace existing lighting; new fire alarm system; install video monitoring system; and potential perimeter detection.

For the Xanthopoulos Building, the general scope of work consists of: improve security of perimeter fence and internal fences; security requirements of main entry; potential security glazing upgrade; improve exterior lighting; construct an enclosed sally-port for receiving inmates and patients; replace security door controls; and install new boiler and disconnect building from the MSH central heating plant. Retrocommissioning of existing mechanical system shall also be conducted.

For more information contact A&E Division Project Manager Rick Hilmes at (406) 431-8447 or [rhilmes@onewest.net](mailto:rhilmes@onewest.net) or [rhilmes@mt.gov](mailto:rhilmes@mt.gov).

**K-12 PUBLIC SCHOOL FACILITIES  
FACILITY CONDITION ASSESSMENT – PHASE 2  
DEPARTMENT OF ADMINISTRATION  
A/E #26-30-03  
Project Budget: \$1,500,000**

The 59<sup>th</sup> Legislature Special Session, assembled in December 2005 for the purpose of addressing K-12 Public School funding and related issues, gave the Department of Administration the task of “completing a condition and needs assessment and energy audit of K-12 Public School facilities in the state”. The Architecture & Engineering Division (A&E) of the Department of Administration is tasked with administering this project. The Department is required to report its findings and recommendations to “the appropriate committee of the legislature” on or before July 1, 2008.

A&E has gathered basic background data about each school with the intent of providing the respondents to this solicitation a better overall picture of the magnitude and distribution of K-12 public school facilities within the State. That effort, which will be described in more detail within the Preliminary Project Program, constituted Phase 1 of the facility condition assessment process and resulted in the identification of approximately 300 school systems encompassing over 30 million gross square feet of facilities. The Preliminary Project Program and data extract from Phase 1 will be made available to all firms chosen to interview for this project.

Phase 2, the subject of this solicitation, will complete the facility condition assessment process required by the 2005 Special Session legislation – which is a one-time or “snapshot” assessment – and will leave behind a viable framework for individual school systems to continue to use this one-time investment to implement or continue an ongoing facility assessment program into the future. For the purpose of enabling the State to cost-effectively support this ongoing capability the Phase 2 consultant will be required to use the Montana University System FCI model in a somewhat unadulterated form that does not unduly burden the software support capabilities of existing MUS staff (i.e., all proposed changes to the MUS model will have to be supported and approved by the MUS).

Phase 2 consulting services will require visual and investigative assessments of all facilities located at each and every school within the Montana K-12 public school

system. The results of these assessments will be summarized and reported to the State in a form that meets the intended purpose of the legislation, as directed and approved through the A&E Division.

Responses to this solicitation should specifically state how the respondent intends to staff and perform the work within the time constraints required and, furthermore, all respondents chosen for interviews will be asked to elaborate upon their implementation plan, during the interview process.

For more information contact A&E Division Project Manager Joe Triem at (406) 444-3327 or [jtriem@mt.gov](mailto:jtriem@mt.gov).

**ENTERPRISE SYSTEM SERVICES CENTERS  
HELENA & EASTERN (site to be determined), MONTANA  
DEPARTMENT OF ADMINISTRATION  
A/E #27-30-01  
Project Budget: \$14,500,000**

The State relies on enterprise services provided by the Department of Administration-Information Technology & Services Division (DOA/ITSD). These services support enterprise applications such as SABHRS, agency processing hosted by ITSD, enterprise-wide network services and voice services. These critical services are currently provided from the Mitchell Building, which is very difficult to secure, vulnerable to seismic damage, severely limited for potential growth in these services, and laid out poorly for housing sensitive electronic equipment.

This project will design and construct two new Enterprise Systems Services Centers (ESSC) for the State of Montana: one to be located in the Helena area with offices for 75 technical support personnel at a minimum; and the second, to be located at yet to be determined site in eastern Montana, to share the production load and to provide redundancy for critical systems. The eastern Montana site will house a maximum of 12 technical support personnel.

Of the \$14,500,000 designated for the project approximately \$2,000,000 of these funds are to be used for non-real property uses of the project (equipment, systems software, furnishings, etc). Additionally, any acquisition costs required to secure an eastern Montana site will have to come from the project funds.

The State's goals of the project include:

- To provide security that protects Montana data, hardware, and software to the level of industry best practices and the requirements established by Federal agency partners.
- To provide "non-stop" operation of critical applications through redundant services centers, redundant computers, and replicated data.
- To accommodate the data center computing facility needs of other agencies quickly and with minimal cost.



- To maximize the State's benefit from its disaster recovery investments.
- To make significant contributions toward the State's business goals of Continuity of Government, Improved Services, Security, and Efficiency of Government Services.

Desired attributes of the new facilities include:

- The centers would be sized to accommodate the processing needs of agency data centers, including housing their key technical staff. Initial space is estimated at 12-15,000 square feet of "raised floor" in Helena and 5,000 square feet in the eastern Montana site.
- Modular design to permit expansion when needed at minimal cost.
- The centers would have state-of-the-art security, seismic and fire protection, electrical power, and environmental controls.
- Data for critical applications would be maintained in both sites to allow for "non-stop" services in the event of a disruption at one of the sites.
- Critical infrastructure, such as network routing, would also automatically fail-over between sites in the event of a disruption.
- Office space for up to 100 ITSD and 50 agency key technical staff. We recommend that the remainder of Helena's ITSD staff also be housed in the new Helena facility if possible. This will provide better overall management of ITSD staff and free up badly needed space in the Capitol Complex.

The consultant for this project will be required to program, explore and present conceptual options for each site, complete design development and construction documents, bid, and provide construction administration services. Respondents shall submit fully detailed information to provide the state with all information necessary to confirm qualifications and to demonstrate their team's level of experience in the planning and design of computer data centers.

For more information contact A&E Division Project Manager Joe Triem at (406) 444-3327 or [jtriem@mt.gov](mailto:jtriem@mt.gov).

**LEWIS & CLARK CAVERNS VISITOR CONTACT BUILDING**  
**DEPARTMENT OF FISH, WILDLIFE AND PARKS**  
**A/E #27-35-01**  
**Project Budget: \$1,200,000**

**PICTOGRAPH CAVES VISITOR CONTACT CENTER**  
**DEPARTMENT OF FISH, WILDLIFE AND PARKS**  
**A/E #27-35-02**  
**Project Budget: \$700,000**

*It is the intent of the A&E Division and FWP to select one (1) architectural firm for both projects. Please combine your RFQ submittal for these two (2) projects into a single packet.*



L&C Caverns Visitor Contact Building - This project is anticipated to add a visitor contact building and a shop/storage building in the Lewis and Clark Caverns State Park near Whitehall. The department wants to have the park entrance area redesigned to provide clear directions for visitors with appropriate signage. Major components of the entrance will include replacement of the existing A-frame visitor contact station with a new building that can accommodate visitor orientation, park offices, public restrooms, a classroom, storage, and a small retail area. The project shall include ground reclamation of all disturbed areas. Additionally, part of the project may include replacement of the existing shop/storage building. This portion will include a heated 20' by 30' shop work area, bathroom with shower, paint storage area, and four vehicle storage bays, one of which can be independently heated. All utilities will need to be provided. The new visitor contact station should be visually compatible with the existing historic Civilian Conservation Corps structures located throughout the park. The new shop/storage building should be visually compatible with the existing park setting where it is located.

Pictograph Caves Visitor Contact Center – This project is to provide a quality visitor experience at Pictograph Cave State Park. It has been determined that a visitor contact building with an exhibit area, classroom, public restrooms, and staff offices will help to achieve this. Such a building will allow exhibits to help park visitors better understand the importance of this site and its contribution to the understanding of archeological resources of Montana. The building will also allow extended park hours, use of the park in poor weather, and throughout the entire year.

For more information contact A&E Division Project Manager Paul Blumenthal at (406) 444-3333 or [pblumenthal@mt.gov](mailto:pblumenthal@mt.gov).

**KALISPELL DNRC/DEQ CO-LOCATION  
DEPARTMENT OF NATURAL RESOURCES & CONSERVATION  
A/E #27-38-01  
Project Budget: \$3,500,000**

This project will serve to co-locate three DNRC divisions and one DEQ division at a new Kalispell location (one or more buildings) to be designed and constructed under this project.

The new facility(s) will need to accommodate approximately 65 FTE from these various divisions, most in a publicly-accessible office-type setting. Additionally, this project will include a fire cache/shop/storage building to be built detached but within the same compound as the office facility(s). Additional project requirements will include infrastructure extension, public parking, equipment storage, and site security.

The consultant for this project will be required to program, explore various individual building or campus configurations at one pre-selected state-owned site, complete design development and construction documents, bid, and provide construction

administration services. The consultant must possess the capability, either in-house or through listed sub-consultants, to evaluate/incorporate wood biomass heating and groundwater cooling within the building systems and to design a facility(s) capable of LEED certification. The state-owned property where the new facilities will reside currently exists as one large parcel, so after final configuration and parcel size are determined the consultant will be tasked with processing the subdivision of the parcel.

For more information contact A&E Division Project Manager Joe Triem at (406) 444-3327 or [jtriem@mt.gov](mailto:jtriem@mt.gov).

**OIL & GAS BUILDING ADDITION - BILLINGS**  
**DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION**  
**A/E #27-38-02**  
**Project Budget: \$750,000**

The existing Board of Oil and Gas Conservation meeting room and support spaces do not have the capacity to accommodate business meetings and public hearings of over 25 persons. Consequently, the Board of Oil and Gas Conservation has been renting private meeting rooms for business meetings since last year. Moreover, private rooms have always been rented for monthly public hearings. The Board of Oil and Gas wants all business meetings and public hearings to be held at its office. A renovation/addition containing an enlarged meeting room, support spaces, and additional warehouse space will consolidate DNRC functions and accommodate future growth. The renovation/addition will also allow for the reconfiguration of the local area network (LAN) to accommodate video presentations, teleconferencing, and secure server space.

The project scope is as follows: a large meeting room (125 persons,  $\pm 1,700$  s.f.), well log storage, support space, warehouse core storage ( $\pm 1,000$  s.f.), renovated office space, and corresponding site development are to be included in this project.

For more information contact A&E Division Project Manager Paul Blumenthal at (406) 444-3333 or [pblumenthal@mt.gov](mailto:pblumenthal@mt.gov).

# **ENGINEERING PROJECTS**

## **WATER/SEWER SYSTEM IMPROVEMENTS**

### **MONTANA STATE UNIVERSITY**

**A/E #26-02-01**

**Project Budget: approximately \$500,000**

Studies of MSU's water and sewer systems have been completed in conjunction with the City of Bozeman's citywide analysis. These studies outline various prioritized replacements and improvements needed for the campus water/sewer infrastructure.

This project will construct prioritized improvements to the MSU campus water/sewer infrastructure and the interface with City of Bozeman systems, in general conformance with recommendations of the citywide studies. The Consultant will be expected to design the selected improvement elements, with the amount of work to be completed in this first phase being dependent upon budget resources and establishment of priorities. Careful planning of work sequence(s), outages and cutovers will be needed to minimize disruptions to normal campus operations.

The project is funded from a combination of Long Range Building Funds in the amount of \$248,750 plus a contribution of non-state Auxiliary revenue funds in an amount commensurate with an engineering analysis reflecting system load demands and/or other utility rate-design methodologies, to be developed by the Consultant in collaboration with the A&E Division and MSU.

For further information contact Jeff Davis, Assistant Director of Facilities Services, Montana State University at (406) 994-5470 or Joe Triem, A&E Division project manager, at (406) 444-3327 or [jtriem@mt.gov](mailto:jtriem@mt.gov).

## **STABLIZE MASONRY, LEON JOHNSON HALL**

### **MONTANA STATE UNIVERSITY**

**A/E #27-02-05**

**Project Budget: \$2,600,000**

Leon Johnson Hall, a concrete frame brick veneer eleven story building was constructed in 1971. The building's masonry veneer was installed without adequate expansion joints, suspect and unreliable connection of the steel shelf angles to the concrete frame, questionable weep system and masonry units that did not meet ASTM C67 50-cycle freeze thaw test. The parapets were capped with flat masonry units that allowed moisture penetration and subsequent spalling of the brick faces from freeze-thaw action. In 1983 Brock-Vaniman and Associates were retained to correct the defective masonry installation. That project replaced all of the veneer on the south side of the building, along with portions of the west and east sides, as well as the entire parapet cap.

Funding was not adequate to replace the entire building skin and the north elevation

was a lower priority as it did not experience the same failures as elevations subject to greater thermal shock.

Recently some movement has been observed in the north elevation, primarily at the upper floor shelf angle rowlock course as well as the corners of the building and the corners of the window recesses. This project is intended to stabilize, secure and provide for differential movement, or to complete the 1983 project by replacing the remaining original masonry veneer, in a manner that meets current seismic codes and follows the recommendations of the ACI/Masonry Society guidelines ACI 530-05 and ACI 530.1-05. The work will address the areas of defective masonry veneer.

Extensive information regarding the condition and attachment is available from the Phase 1 remediation which is considered representative of the conditions anticipated to be encountered in this work. The consultant is expected to explore and advise the owner regarding current technologies appropriate to the work and assist in the determination if full replacement is warranted. If full replacement is the appropriate action, the consultant will incorporate much the same materials and details as the previous work. Construction phase will require significant, extensive, and detailed field observation, testing, on-site representation, documentation and decision making as part of the Construction Administration services to avoid delays and deliver a quality product.

If funds are available at the completion of Leon Johnson, they will be used to address other masonry problems at MSU Bozeman.

For more information contact A&E Division Project Manager Jim Whaley at (406) 444-3106 or [jwhaley@mt.gov](mailto:jwhaley@mt.gov).

**PARKING & STREET MAINTENANCE PROJECTS**  
**MONTANA STATE UNIVERSITY**  
**A/E #27-02-07 (delegated)**  
**Project Budget: \$1,500,000**

This scope is to provide design services for various campus parking and street maintenance and/or new construction projects undertaken by the University under BOR Authority item #134-2006-R0307. Various projects will be selected and performed on a project by project basis with an aggregate value not to exceed \$1,500,000 in total project costs. The various project scopes of work may consist of new construction, maintenance, repair, replacement, survey and program development and any other paving related issues for the campus' parking, street, and service areas. Owner-Consultant contracts will be negotiated and issued on a project by project basis. Individual project costs will include construction costs, design fees, and owner's expenses, etc. The term of the consultant appointment is expected to continue through March of 2010 or upon expenditure of the \$1,500,000 authority, which ever comes first.

*"delegated" designation indicates that all contracting and project management functions will be transferred from the A&E Division to the Agency indicated upon selection of the A/E firm.*

For more information contact Walt Banziger, Director of Facilities for Planning, Design & Construction, at (406) 994-2001.

**SYSTEM IMPROVEMENTS (HVAC AND ELECTRICAL)  
MONTANA TECH – COLLEGE OF TECHNOLOGY  
A/E #27-07-02  
Project Budget: \$1,275,000**

Constructed in 1983 and opened in 1984, the 100,000 square foot facility was originally the Butte Vocational Technical Center and was a component of the Butte School District. Under the restructuring of the Montana University System, this facility was placed under the purview of Montana Tech of The University of Montana and became Montana Tech's "South Campus". Historically, the problems and failures of the hot-water heat piping system and the interior/exterior lighting control system were chronic when the building was opened in 1984.

This project will upgrade the heating hot water piping serving the complex replacing worn out Victaulic Couplers in all pipe over 2" Diameter. The electrical wiring will be upgraded to install new light switches in the classrooms and offices and energy efficient light fixtures throughout the building. Energy Improvements to upgrade the HVAC Systems will be implemented in this project based on the results of an energy study being completed under a separate contract. The project will be funded with \$925,000 of State Long Range Building Program Funds authorized in the 2007 Legislative Session. Also, the project will be funded with \$350,000 of State Building Energy Conservation Program Funds and funding from Northwestern Energy's Business Partners Program.

For more information contact Mark Hines, P.E. Project Manager, A&E Division at (406) 444-3331 or [mhines@mt.gov](mailto:mhines@mt.gov).

cc: Kevin Krebsbach, UM Facilities Services  
Lee Richardson, UM-Western Facilities Services  
Rollo Shea, Montana Tech Facilities Services  
Walt Banziger, MSU Facilities Services  
Eakle Barfield, MSU-Billings Facilities Services  
Sue Clark, DNRC (Missoula)  
Paul Valle, FWP Design & Construction  
Ed Amberg, Montana State Hospital  
Tom Richmond, DNRC Oil & Gas (Billings)  
Marv Eicholtz, GSD

[END OF RFQ SOLICITATION]